

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**October**

**2008**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**November 17, 2008**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

A couple of cold fronts moving into the region brought rain showers during the first half of October. The first frontal passage on October 5 – 6 produced widespread showers across the hydrologic service area (HSA). Areas from Ozona to Brownwood received 1.50 to 2.50 inches of rain. Isolated areas from Sonora to Brady received 2.5 to 3.0 inches of rain. Areas across the Big Country received 0.5 to 1.0 inch of precipitation. The next frontal passage on the 13<sup>th</sup> brought widespread rainfall across the Big Country. Many areas along and north of IH 20 received 1.5 to 2.0 inches of rain. Lighter rainfall amounts occurred across the remainder of the HSA from the event on the 13<sup>th</sup>.

The U.S. Drought Monitor depicted abnormally dry to severe drought conditions across the southern half of the HSA during October.

The average precipitation reported from coop observers in October was 2.06 inches. The highest monthly precipitation total of 3.54 inches was reported in Coleman County. Coop observers in Callahan, Coleman, Crockett, San Saba and Throckmorton Counties received over three inches of rain in October.

The San Angelo Regional Airport received 1.81 inches of precipitation during October, which was 0.76 of an inch below normal for the month. The monthly normal rainfall for San Angelo in October is 2.57 inches.

The Abilene Regional Airport received 3.15 inches of precipitation during October, which was 0.25 of an inch above normal for the month. The monthly normal rainfall for Abilene in October is 2.90 inches.

Junction received 0.97 of an inch of rain during October. The estimated average monthly rainfall in October is about 2.75 inches.

**Coop Observer Rainfall Totals for October, 2008:**

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	2.52		Ozona	3.00
Acton Ranch	0.55		Ozona 2	3.00
Albany	3.44		Ozona 22SE	0.94
Ballinger 2NW	1.30		Paint Rock	1.45
Blackwell 6NE	1.06		Putnam	2.74
Brady	2.34		Red Bluff Crossing	2.74
Brownwood	1.39		Robert Lee	1.39
Burkett	2.50		Roscoe	2.23
Coleman	2.31		Rotan	2.68
Concho Park	1.47		San Angelo WFO	1.98
Eden	M		San Saba 7NW	1.48
Eldorado	1.88		Santa Anna 12SSE	1.45
Eldorado 10W	M		Silver Valley	3.54
Fort Griffin	M		Sonora	2.12
Fort McKavett	2.66		Stamford	1.85
Glen Cove 2NE	3.03		Sterling City	0.95
Hamlin	2.14		Taylor Ranch	3.52
Haskell	2.25		Telegraph	M
Hords Creek	2.81		Throckmorton 7NE	3.25
Humble Pump	1.42		Water Valley	1.34
Junction 4SSW	0.42		Water Valley 11NE	1.18
Lawn	2.34		Winters 1NE	1.61
London 3N	1.52		Woodson	3.32
Mason	2.05			
Menard	2.97			
Merkel 12SW	1.72		(M) <i>Missing data</i>	
Mertzon 12NNW	1.10		(T) <i>Trace</i>	

**Reservoir Conditions (end of October, 2008)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	67,180	96
Lake Stamford	52,700	39,050	76
Hubbard Creek Lake	317,800	279,480	88
Hords Creek Lake	8,800	5,650	70
Lake Brownwood	131,428	109,130	83
E.V. Spence	488,760	58,100	11
O.C. Fisher	119,200	6,480	5
O.H. Ivie	554,340	318,700	57
Twin Buttes	177,800	62,200	35

**Hydro Products Issued**

FLS = 1 (Urban/Small Stream Advisory)

DGT = 1

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for October across the San Angelo HSA is depicted below.

